

CLAIMS

1. Method of fitting a tire on a rim, the said tire having a marking indicating an extreme value of a parameter having a circumferential variation, wherein an area of at least one
5 bead of the tire is held at least during a first inflation phase and in that said area is azimuthed according to the said marking.

2. Method according to Claim 1, wherein the marking indicates the position of the maximum of the harmonic H1 of the variation in radial load of the tire.

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3. Method according to Claim 1, wherein said area coincides with the said marking.

4. Method according to Claim 1, wherein areas of the two tire beads are held.

15 5. Method according to Claim 1, wherein the intensity of the holding decreases with the inflation.

6. Method according to Claim 1, wherein the tire is fitted on a wheel where the maximum of the harmonic H1 of the average out-of-round is marked and in that the marking on the
20 tire is diametrically opposed to the marking on the wheel during fitting.

7. Method according to Claim 1, wherein the tire is fitted on a wheel where the maximum of the harmonic H1 of the average out-of-round is marked and in that the marking on the tire is positioned on a radius similar to that of the marking on the wheel during fitting.

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8. Device for fitting a tire on a rim, the said tire having a marking indicating an extreme value of a parameter having a circumferential variation, wherein a tool is provided for exerting a support force on an area of at least one sidewall of the tire at least during a first inflation phase and in that the said area is azimuthed according to the said marking.

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9. Device according to Claim 8, wherein the marking indicates the position of the maximum of the harmonic H1 of the variation in radial load of the tire.

10. Device according to Claim 8, wherein said area coincides with the said marking.

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11. Device according to Claim 8, wherein the tool is in the form of a clamp or nipper.

12. Device according to Claim 8, wherein the tool is in the form of at least one mechanical pressure means.

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13. Method of analyzing a tire consisting of defining its sensitivity to fitting, wherein a variation in relative radial load due to the fitting of the tire on a rim having humps is determined.

15 14. Analysis method according to Claim 13, wherein:

- the variation in radial load of the fitted assembly is determined, the rim having humps,
- the variation in radial load of the tire is determined,
- the vectorial difference between the two values obtained is effected.

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